COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF THE MAYO VILLAGE WATER COMPANY, INC., REQUESTING A DEVIATION FROM THE REQUIREMENTS OF 807 KAR 5:066(5)(4) AND 807 KAR 5:066(6)	)))))	CASE NO. 9396

O R D E R

IT IS ORDERED that the Mayo Village Water Company, Inc., ("Mayo Village") shall file an original and 3 copies of the following information with the Commission with a copy to all parties of record by November 27, 1985. Mayo Village shall also furnish with each response the name of the witness who will be available at the public hearing for responding to questions concerning each area of information requested. If neither the requested information nor a motion for an extension of time is filed by the stated date, the case may be dismissed.

1. Provide hydraulic analyses, supported by computations and actual field measurements, of typical operational sequences of the existing Mayo Village water distribution system. Computations are to be documented by a map of the system that shows pipeline sizes, lengths and connections, pumps, water storage tanks, wells, and sea level elevations of all key points, as well as allocations of actual customer

demands. Flows used in the analyses shall be identified as to whether they are based on average instantaneous flows, peak instantaneous flows, or any combination or variation thereof. The flows used in the analysis shall be documented by actual field measurements and customer use records. Justify fully any assumptions used in the analyses.

2. Provide a summary of any operational deficiencies of the existing Mayo Village water system that are indicated by the hydraulic analyses or that are known from experience.

3. Provide a map of the City of Pikeville's water system that shows pipeline sizes, lengths and connections, pumps, water storage tanks, and sea level elevations of all key points, as well as the location of the water treatment plant.

4. Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available at the City of Pikeville's water storage tank in the vicinity of Mayo Village's connection. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

5. Provide a tabulation of the total amount of water purchased by Mayo Village for each month of the previous 12 months.

6. Provide a tabulation of the total amount of water sold by Mayo Village for each month of the previous 12 months.

7. Provide the rated capacity of the City of Pikeville's water treatment plant. Provide a tabulation of the daily water production of the plant for each day of the most recent 3-month period. Provide a tabulation of the number of hours that the plant was operated each day of the most recent 3-month period.

8. Provide a copy of the water purchase agreement between Mayo Village and the City of Pikeville. Include copies of any amendments to the original agreement.

9. Provide a list of each of the City of Pikeville's water storage tanks. Give the location, capacity, and overflow elevation of each tank. Explain how water is supplied to each tank.

10. Provide a list of each of the City of Pikeville's pump stations. Give the location, number of pumps and their rated capacities, and the purpose of each pump station. Explain how the operation of each pump station is controlled. Provide a copy of the pump manufacturer's characteristic (head/capacity) curve for each of the City of Pikeville's pumps. Identify each curve as to the particular pump and pump station to which it applies.

11. Provide a list of each of Mayo Village's water storage tanks. Give the location, capacity, and overflow elevation of each tank. Explain how water is supplied to each tank.

12. Provide a list of each of Mayo Village's pump stations. Give the location, number of pumps and their rated capacities, and the purpose of each pump station. Explain how the operation of each pump station is controlled. Provide a copy of the pump manufacturer's characteristic (head/capacity) curve for each of Mayo Village's pumps. Identify each curve as to the particular pump and pump station to which it applies.

Done at Frankfort, Kentucky, this 15th day of October, 1985.

PUBLIC SERVICE COMMISSION

Richard D. Heman Jr.
For the Commission

ATTEST:

Secretary